



Dart Hawkesbury
1270 Aberdeen St Hawkesbury, ON K6A 1K7 Canada
Tel (613) 632-5200

Purchasing Receipts

PO No	Supplier	Line Item No	Rel No	Terms	Purchased Item	Description	For Part No	Project	Equipment ID	Order Qty	Due Date	Received Quantity	Accounting Job No	Container No	Status	Receive Date	Price/Unit	Aging Days	Past Due	Tr	
PO040135	ACI001-VC	1	1	Net 30	M304S16GA	304/316 Sheet .063 : MATERIAL: AISI 304/316 SS SHEET ANNEALED AS PER MIL-S-5059 OR AMS 5513 (304) OR AMS 5524 (316) OR ASTM A240 OR ASME SA240				192	6/15/2018	192		S080376	Stock	6/12/2018	\$ 6.51 / sf	0		\$1	
		2			M304S14GA	304SS sheet .080 : MATERIAL: AISI 304/316 SS SHEET ANNEALED AS PER MIL-S-5059 OR AMS 5513 (304) OR AMS 5524 (316) OR ASTM A240 OR ASME SA240 receive sf				128		128		S080377	Stock	6/12/2018	\$ 8.73 / sf	0		\$1	
Total:										320		320									\$1.8

Plex 6/12/2018 1:34 PM Dart.Dubois.Pascal

DELIVERY - CLIENT

ACIER OUELLETTE INC.

955, Boul. du Havre
Salaberry de Valleyfield (Québec) J6S 5L1
Tél.: 450-377-4248 Mtl: 514-336-4248 Ext.: 800-667-4248
Fax: 450-377-5696 Mtl: 514-336-4246 Ext.: 866-456-4242

Customer N°

Date

Delivery date

Your order N°

Processed by

Salesman

Carrier

Credit Terme

Page

Billed to

DART AEROSPACE LTD

1270, ABERDEEN ST.
HAWKESBURY, Ontario, K6A 1K7

Shipped to

, Ontario,

Att : CHANTAL LAVOIE Tél.: 613-632-5200

Instruction F-M

Delivery Route 5

Product Description	Weight	Qty	U/M	PCS NB			Internal Use Only				
				CMD	EXP	B/O	IN	I	S	C	OUT
1 SHEET SS 16G SS304-2B (4 X 8) FESS-16G483042B 3419 <i>6 X 4' X 8'</i> <i>Heat : A1W050575</i>	504.00	192.00	PI2_\$CLB		6'x8' 4'x8'		① 192'12				DAS 11 9-09 JUN 12 2018
2 SHEET SS 14G SS304-2B (4 X 8) FESS-14G483042B 3412 <i>4 X 4' X 8' TRA 2833</i> <i>Heat : A1V040477</i>	419.97	128.00	PI2_\$CLB		4'x8' 4'x8'		① 128'12				DAS 11 9-09 JUN 12 2018
3 PALETTE 7573 PALETTE <i>Palette 4'x8'</i>		2.00	UN_\$UN		Skid						

Total Weight (Lbs) : 923.97 NIR : R-109516-6

Conditions :
All sold and delivered materials remain the property of "Acier Ouellette Inc" until payment is made in full, complete and cashed. All lost materials are at the buyer's expense. The warranty offered by "Acier Ouellette Inc." is the same as offered and honored by the manufacturer and his warranty is transferred by "Acier Ouellette Inc." to the client. The buyer hereby accepts to respect the following conditions: Net 30 days from billing date and the buyer accepts to pay administration charges of 2% per month (24% per annum) on all past due amounts over 30 days. Any default in respect with this contract will lead to payment by acceleration and permits to the seller, at his choice to claim for the balance due or the repossession of the goods sold. All claims must be made within five (5) days with this document enclosed. Any merchandise that has been damaged, cut or modified cannot be returned. All goods returned must be with our authorization and are subject to a 25% restocking charge.

Total (\$CAD)

Prepared By : MH	Verified By : [Signature]	Delivered By : [Signature]	Time []	Y []	M []	D []
Customer's Signature			Date			



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

PURCHASE ORDER

PO040135

Supplier: ACI001-VC
Acier Ouellette Inc.
935 Boul. Du Havre
Valleyfield
QC
J6S 5L1 Canada
Phone: 800 667 4248
Fax: 450 377 5696

PO No: PO040135

PO Date: 6/7/18

Due Date: 6/8/18

Purchase Order

Revision:

Revision Date:

Ship-To Contact: Baker, Diane
Phone: 667 7118
dbaker@dartaero.com

E-MAILED
6/7/18

Revised

Ship To: 1270 Aberdeen Street
Hawkesbury
ON
K6A 1K7 Canada
Phone: 613-632-5200

Via: Ground

Pynt Terms: Net 30

Freight Terms:

Special Comments:

Items

Line Item	Part	Supplier Part No	Description	Status	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
1	M304S16GA		304/316 Sheet .063 : MATERIAL: AISI 304/316 SS SHEET ANNEALED AS PER MIL-S-5059 OR AMS 5513 (304) OR AMS 5524 (316) OR ASTM A240 OR ASME SA240	Firmed	6/8/18	192 sf	0 sf	192 sf	\$6.508625/sf	\$1,249.66
2	M304S14GA		304SS sheet .080 : MATERIAL: AISI 304/316 SS SHEET ANNEALED AS PER MIL-S-5059 OR AMS 5513 (304) OR AMS 5524 (316) OR ASTM A240 OR ASME SA240 receive sf	Firmed	6/8/18	128 sf	0 sf	128 sf	\$8.7257/sf	\$1,116.89

Grand Total: \$2,366.55

Order Notes

Procurement Quality Clauses

A005 right of entry

A012 chemical and physical test report

A016 personnel qualification

A017 raw material identification (as applicable)

A026 certification of material conformance

A041 quality management system

A042 dart notification by supplier

A043 retention of quality documents

A048 counterfeit parts avoidance, detection, mitigation and disposition program

A049 supplier awareness

Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.

DAS
11
9-89

DAS
11
9-89

Diane

**ACIER OUELLETTE INC.**

935, Boul. du Havre
Salaberry de Valleyfield (Québec) J6S 5L1
Tél.: 450-377-4248 Mtl: 514-336-4248 Ext.: 800-667-4248
Fax: 450-377-5696 Mtl: 514-336-4246 Ext.: 866-456-4242

Quotation

SOU0112364

Billed to

DART AEROSPACE LTD
1270, ABERDEEN ST.
HAWKESBURY, Ontario, K6A 1K7

Shipped to

, Ontario,

Att : CHANTAL LAVOIE Tél.: 613-632-5200

Customer N°

CLI0001056

Date

2018/06/07

Revision N°

0

Prices valid until

2018/06/14

Your Order N°

040135

Processed by

Josianne Bourdon

Salesman

JOSIANNE

Carrier

OUELLE SDV

Credit Terms

Net 30 Days

Page

1

Product N° and description	Weight	Qty U/M	Qty U/M	Price	Pcs Nb	Price	Amount
SHEET SS 16G SS304-2B (4 X 8) FESS-16G483042B 3419 6 X 4' X 8'	504.00	192.00 PI2_\$CLB	6.00 UN		6.00	208.278	1 249.67
SHEET SS 14G SS304-2B (4 X 8) FESS-14G483042B 3412 4 X 4' X 8'	419.97	128.00 PI2_\$CLB	4.00 UN		4.00	279.225	1 116.90
PALETTE PALETTE 7573	0.00	2.00 UN_\$UN	2.00 UN_\$UN		2.00	40.000	80.00
FUEL CHARGE FRAIS_ENERGETIQUE			\$				3.95

Total Weight (Lbs)

923.97

Important

This offer is based on the availability, the price of material can change without notice in function of the evolution of the current market prices.

This offer is subject to credit approval.

Approuved and Accepted by :

Date :

Sub-total

2 450.52

TVH-13 · · 318.57

Total (\$CAD)**2 769.09**

MATERIAL RECEIPT INSPECTION FORM

MATERIAL: M3045146A
DATE: JUN 12 2018

PO / BATCH NO.: 040135/5080377

MATERIAL CERT REC'D: YES
QUANTITY RECEIVED: 128 P12
QUANTITY INSPECTED: 128 P12
QUANTITY REJECTED: 0

THICKNESS ORDERED: 146A
THICKNESS RECEIVED: 146A
SHEET SIZE ORDERED: 4x8
SHEET SIZE RECEIVED: 4x8

DESCRIPTION	NCR (Check Y/N)	COMMENTS
SURFACE DAMAGE	Y <input checked="" type="radio"/> N	
CORRECT FINISH	Y <input checked="" type="radio"/> N	
CORROSION	Y <input checked="" type="radio"/> N	
CORRECT GRAIN DIRECTION	Y <input checked="" type="radio"/> N	
CORRECT MATERIAL PER M-DRAWING	Y <input checked="" type="radio"/> N	As per A240
CORRECT THICKNESS	Y <input checked="" type="radio"/> N	
PHOTO REQUIRED	Y <input checked="" type="radio"/> N	
CORRECT REF # TO LINK CERT	Y <input checked="" type="radio"/> N	Heat # AIV040477
CORRECT MATERIAL IDENTIFICATION	Y <input checked="" type="radio"/> N	
CORRECT M# ON THE MATERIAL	Y <input checked="" type="radio"/> N	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y <input checked="" type="radio"/> N	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y <input checked="" type="radio"/> N	

CUT SAMPLE PIECE OF MATERIAL AND PREFORM A HARDNESS CHECK. RECORD RESULTS BELOW					
	HRC	HRB	DUR A	DUR D	WEBSTER
TYPE OF MATERIAL					
SIZE OF TEST SAMPLE					
HARDNESS / DUROMETER READING					

testers located in the Quality Office

QC 18 INSPECTION		ENGINEERING SIGNOFF (if required)	
INSPECTED BY: <u>DAS</u>		SIGNED OFF BY: _____	
DATE: <u>1-89 JUN 12 2018</u>		DATE: _____	

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

SPECIFICATION CONTROL DRAWING

PURCHASE MATERIAL: AISI 304/316 SS SHEET
ANNEALED

SPECIFICATION:

MIL-S-5059
OR AMS 5513 (304)
OR AMS 5524 (316)
OR ASTM A240
OR ASME SA240

FINISH:

FINISH IDENTIFIER
DART M-NUMBER IDENTIFIER
1P
2D
NONE
3P
4P
6P
7P
8P

PART NUMBER:

M304S TT GA #P
GA

WHERE "TT" = GAUGE THICKNESS
WHERE "#P" = FINISH IDENTIFIER

EG. 16 GAUGE SS SHEET 2B FINISH = M304S16CA
EG. 16 GAUGE SS SHEET No. 4 POLISHED = M304S16GA4P

GAUGE THICKNESS REFERENCE:

GAUGE	NOM. THICK. (IN)	THICKNESS RANGE (IN)
26	0.01875	0.0178 - 0.019
25	0.021875	0.0199 - 0.023
24	0.025	0.024 - 0.026
23	0.028125	0.027 - 0.029
22	0.03125	0.030 - 0.032
21	0.034375	0.033 - 0.035
20	0.0375	0.036 - 0.040
19	0.04375	0.041 - 0.046
18	0.050	0.047 - 0.052
17	0.05625	0.053 - 0.058
16	0.0625	0.059 - 0.065
15	0.0703125	0.066 - 0.072
14	0.078125	0.073 - 0.083
13	0.09375	0.084 - 0.098
12	0.109375	0.099 - 0.114
11	0.125	0.115 - 0.130
10	0.140625	0.131 - 0.145
9	0.15625	0.146 - 0.160
8	0.171875	0.161 - 0.176
7	0.1875	0.182 - 0.194
6	0.2031	0.194 - 0.212
5	0.2188	0.201 - 0.228
4	0.2344	0.225 - 0.243
3	0.2500	0.238 - 0.262
2	0.2656	0.254 - 0.278
1	0.2813	0.269 - 0.293
0	0.3125	0.301 - 0.325

RELEASED
2015 FEB 04
ECN 15-122

D	ADDED GAUGES 0.7.	AJS	15.01.06
C	DEFINED FINISH OPTION (ZN CR AND EXAMPLE OF MATERIAL FIN WITH FINISH OTHER THAN 2B (ZN B5).	MB	12.09.20
B	REFORMAT DWG. ADD ASTM/ASME SPECS (ZN D8-1). ADD GAUGE REF (C&1). REF PAR 08-020A	CP	09.06.01
A	NEW ISSUE	DS	01.09.24
REV.	DESCRIPTION	BY	DATE
DESIGN	DS		
DRAWN	AJS		
CHECKED			
MFG. APPR.			
APPROVED			
DE APPR.			
DATE	15.01.06		
DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA			
DRAWING NO. M304S			
REV. D SHEET 1 OF 1			
TITLE 304/316 SS SHEET			
SCALE NTS			
COPYRIGHT © 2001 BY DART AEROSPACE LTD THIS DOCUMENT IS THE PROPERTY OF DART AEROSPACE LTD. IT IS NOT TO BE USED FOR ANY PURPOSE OR SPECIES OR COMMERCIAL OR TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.			

MATERIAL RECEIPT INSPECTION FORM

MATERIAL: M304S166A
 DATE: JUN 12 2018

PO / BATCH NO.: 040135/5080376

MATERIAL CERT REC'D: YES
 QUANTITY RECEIVED: 192 Pcs
 QUANTITY INSPECTED: 192 Pcs
 QUANTITY REJECTED: 0

THICKNESS ORDERED: 16 GA
 THICKNESS RECEIVED: 16 GA
 SHEET SIZE ORDERED: 4X8
 SHEET SIZE RECEIVED: 4X8

DESCRIPTION	NCR (Check Y/N)	COMMENTS
SURFACE DAMAGE	Y <input checked="" type="checkbox"/> N	
CORRECT FINISH	<input checked="" type="checkbox"/> Y N	
CORROSION	Y <input checked="" type="checkbox"/> N	
CORRECT GRAIN DIRECTION	<input checked="" type="checkbox"/> Y N	
CORRECT MATERIAL PER M-DRAWING	<input checked="" type="checkbox"/> Y N	Astm A240
CORRECT THICKNESS	<input checked="" type="checkbox"/> Y N	
PHOTO REQUIRED	Y <input checked="" type="checkbox"/> N	
CORRECT REF # TO LINK CERT	<input checked="" type="checkbox"/> Y N	Heat # AIW050575
CORRECT MATERIAL IDENTIFICATION	<input checked="" type="checkbox"/> Y N	
CORRECT M# ON THE MATERIAL	<input checked="" type="checkbox"/> Y N	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y <input checked="" type="checkbox"/> N	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y <input checked="" type="checkbox"/> N	

CUT SAMPLE PIECE OF MATERIAL AND PREFORM A HARDNESS CHECK. RECORD RESULTS BELOW					
	HRC	HRB	DUR A	DUR D	WEBSTER
TYPE OF MATERIAL					
SIZE OF TEST SAMPLE					
HARDNESS / DUROMETER READING					

testers located in the Quality Office

QC 18 INSPECTION	ENGINEERING SIGNOFF (if required)
INSPECTED BY: <u>DAS 11</u> DATE: <u>9-89 JUN 12 2018</u>	SIGNED OFF BY: _____ DATE: _____

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

SPECIFICATION CONTROL DRAWING

PURCHASE MATERIAL: AISI 304/316 SS SHEET
ANNEALED

SPECIFICATION:

MIL-S-5059
OR AMS 5513 (304)
OR AMS 5514 (316)
OR AMS 5515 (304/316)
OR ASTM A240
OR ASME SA240

FINISH:

DART M-NUMBER
IDENTIFIER

FINISH
UNPOLISHED No. 1
UNPOLISHED No. 2D
UNPOLISHED No. 2B
POLISHED No. 3
POLISHED No. 4
BUFFED No. 6
BUFFED No. 7
BUFFED No. 8

PART NUMBER:

M304S TT GA #P
GA

WHERE "TT" = GAUGE THICKNESS
WHERE "#P" = FINISH IDENTIFIER

EG. 16 GAUGE SS SHEET 2B FINISH = M304S16GA
EG. 16 GAUGE SS SHEET No. 4 POLISHED = M304S16GA4P

GAUGE THICKNESS REFERENCE:

GAUGE	NOM. THICK. (IN)	THICKNESS RANGE (IN)
26	0.01875	0.0178 - 0.019
25	0.021875	0.0199 - 0.023
24	0.025	0.024 - 0.026
23	0.028125	0.027 - 0.029
22	0.03125	0.030 - 0.032
21	0.034375	0.033 - 0.035
20	0.0375	0.036 - 0.040
19	0.04375	0.041 - 0.046
18	0.050	0.047 - 0.052
17	0.05625	0.053 - 0.058
16	0.0625	0.059 - 0.065
15	0.0703125	0.066 - 0.072
14	0.078125	0.073 - 0.083
13	0.09375	0.084 - 0.098
12	0.109375	0.099 - 0.114
11	0.125	0.115 - 0.130
10	0.140625	0.131 - 0.145
9	0.15625	0.146 - 0.160
8	0.171875	0.161 - 0.176
7	0.1875	0.182 - 0.194
6	0.2031	0.194 - 0.212
5	0.2188	0.201 - 0.228
4	0.2344	0.225 - 0.243
3	0.2500	0.238 - 0.262
2	0.2656	0.254 - 0.278
1	0.2813	0.269 - 0.293
0	0.3125	0.301 - 0.325

RELEASED

2015 FEB 04

2015-12-22

D	ADDED GAUGES 0.7.	AJS	15.01.06
C	DEFINED FINISH OPTION (ZN CP) AND EXAMPLE OF MATERIAL PIN WITH FINISH OTHER THAN 2B (ZN B5).	MB	12.09.20
B	REFORMAT DWG. ADD ASTM/ASME SPECS (ZN D8-1), ADD GAUGE REF (C8-1), REF PAR 08-020A	CP	09.06.01
A	NEW ISSUE	DS	01.09.24
REV.	DESCRIPTION	BY	DATE
DESIGN	DS		
DRAWN	AJS		
CHECKED			
MFG. APPR.	M304S		
APPROVED			
DE APPR.			
DATE	15.01.06		
DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA			
REV. D			
SHEET 1 OF 1			
SCALE			
NTS			
COPYRIGHT © 2001 BY DART AEROSPACE LTD ALL RIGHTS RESERVED. NO PART OF THIS PUBLICATION MAY BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM, WITHOUT PERMISSION IN WRITING FROM DART AEROSPACE LTD.			

TRA-2832

3419 FESS-169483042B

51227



彰源企業股份有限公司
FROCH ENTERPRISE CO., LTD.

NO.122 INDUSTRIAL ROAD, TONGLIU CITY,
YUN-LIN 640, TAIWAN

T: +886-5-5571670 F: +886-5-5571188

Certificate No.	F180427039
Date:	APR 17, 2018

檢驗證明書
MILL TEST CERTIFICATE

Customer:		Contract No.		L/C No.		Specification		ASTM A240-13c/A480-14		Page: 1 of 1	
Invoice No.		18136		DC HMN810943		Heat No.		QTY (PC)		Weight (MT)	
Description		Item No.		Size		Type		Heat No.		QTY (PC)	
STAINLESS STEEL COLD ROLLED SHEET		1		20GAX48"X120" 2B NO PI		304		ALC040031		78.000	
SPECIFICATION AS PER PO NO. P-18136		2		16GA X 48" X 96" 2B PI		304		AIV050575		102.000	
TOTAL QUANTITY: 19.920MT		3		16GA X 48" X 96" 2B PI		304		AIV040477		39.000	
		4		11GA X 48" X 96" 2B PI		304		AIN050390		75.000	
		5		20GAX48"X120" NO.4 BP FLPE		304		ALE050272		74.000	
		6		18GAX48"X120" NO.4 BP FLPE		304		ALE050482		50.000	
		7		16GAX48"X 96" NO.4 BP FLPE		304		ALE050451		66.000	
		8		16GAX48"X 96" NO.4 BP FLPE		304		ALE050455		41.000	

化學成分 Chemical Composition (%)										機械性能 Mechanical Test									
Item No.	C	Si	Mn	P	S	Cr	Ni	Mo	Other	Tensile (N/mm ²)	Yield (N/mm ²)	Elongation (%)	Direction	Width of specimen	Gauge Length	Hardness HRB	Heat Treatment	Finish	Remark
Min.	0.070	0.750	2.00	0.045	0.030	17.50	8.00			515.00	205.00	40.00	L.T	mm	mm				
Max.	0.070	0.750	2.00	0.045	0.030	19.50	10.50			515.00	205.00	40.00	L.T	mm	mm				
1	0.020	0.340	1.19	0.036	0.001	18.06	8.02			641.00	287.00	52.00	—	—	—	92.00	—	2B	
2	0.023	0.370	1.21	0.022	0.002	18.17	8.08			647.00	295.00	52.00	—	—	—	84.00	—	2B	
3	0.047	0.430	1.04	0.024	0.004	18.25	8.05			674.00	301.00	55.00	—	—	—	84.00	—	2B	
4	0.014	0.420	1.57	0.028	0.001	18.01	8.01			640.00	293.00	50.00	—	—	—	84.00	—	2B	
5	0.019	0.460	1.37	0.028	0.002	18.07	8.05			628.00	306.00	56.00	—	—	—	85.00	—	NO4	
6	0.023	0.390	1.63	0.030	0.003	18.30	8.00			670.00	307.00	54.00	—	—	—	88.00	—	NO4	
7	0.019	0.390	1.40	0.030	0.001	18.28	8.04			637.00	319.00	54.00	—	—	—	88.00	—	NO4	
8	0.019	0.390	1.40	0.030	0.001	18.28	8.04			639.00	312.00	55.00	—	—	—	87.00	—	NO4	

NOTES:

- The material described herein is certified for no radiation contamination by original Material Manufacturer.
- The tolerance of chemical composition is according to ASTM A480
- Visual inspection (Surface) and Dimension Check: Acceptable
- We hereby certify that material described herein has been manufactured and tested with satisfactory results in accordance with the requirement of the above material specification.

APPROVED CERTIFICATES:

- QMS according ISO 9001 (TUV Cert No: 01 100 128922)
- EMS according ISO 14001 (LR Cert No: 0992007)
- PED (TUV Cert No: 01 202 TWIN-06 0145)
- Lab management system according ISO/IEC 17020 (TAF Cert No: 00001)
- Lab management system according ISO/IEC 17025 (TAF Cert No: 2271)

Lai Yu Lin
QA Manager / Work Inspector.

Q-Y-Q-33-07-C

3412 FESS-14G483042B 51228 TRA-2833

Certificate No.	F180427039
Date:	APR 17, 2018

檢 驗 證 明 書
MILL TEST CERTIFICATE

彰源企業股份有限公司
FROCH ENTERPRISE CO., LTD.

NO.122 INDUSTRIAL ROAD, TONG-LIU CITY,
YUN-LIN 640, TAIWAN
T: +886-5-5571670 F: +886-5-5571188

Customer: FEX20180653		Contract No. 18136		L/C No. DC HMN810943		規格 Specification ASTM A240-13c/A480-14		Page: 1 of 1									
產品名稱 Description		項目 Item No.		產品尺寸 Size		爐號 Heat No.		數量 QTY(PCS)		重量 Weight(MT)		熱處理 Heat Treatment Water Quenched		表面處理 Finish		備註 Remark	
STAINLESS STEEL COLD ROLLED SHEET		1		20GAX48"X120" 2B NO PI		304		ALC040031		78.000		1.986		2B		2B	
SPECIFICATION AS PER PO NO.:P-18136		2		16GA X 48" X 96" 2B PI		304		AIV050575		102.000		3.557		2B		2B	
TOTAL QUANTITY: 19.820MT		3		14GA X 48" X 96" 2B PI		304		AIV040477		39.000		1.710		2B		2B	
		4		11GA X 48" X 96" 2B PI		304		AIV050390		75.000		5.266		2B		2B	
		5		20GAX48"X120" NO.4 BP FLPE		304		ALE050272		74.000		1.925		NO4		NO4	
		6		18GAX48"X120" NO.4 BP FLPE		304		ALE050482		50.000		1.746		NO4		NO4	
		7		16GAX48"X 96" NO.4 BP FLPE		304		ALE050451		66.000		2.283		NO4		NO4	
		8		16GAX48"X 96" NO.4 BP FLPE		304		ALE050455		41.000		1.427		NO4		NO4	

化學成分 Chemical Composition (%)										機械性能 Mechanical Test						
項目 Item No.	C	Si	Mn	P	S	Cr	Ni	Mo	其他	抗拉強度 Tensile (N/mm ²)	降伏強度 0.2% Yield (N/mm ²)	伸長率 % Elongation	Direction	Width of specimen mm	Gauge Length mm	硬度試驗 Hardness HRB
Min.	0.070	0.750	2.00	0.045	0.030	17.50	8.00			515.00	205.00	40.00	L.T			
Max.	0.020	0.340	1.19	0.036	0.001	18.06	10.50		0.100							92.00
1	0.023	0.370	1.21	0.022	0.002	18.17	8.08		0.036	641.00	287.00	52.00				84.00
2	0.047	0.430	1.04	0.024	0.004	18.25	8.05		0.056	647.00	295.00	52.00				86.00
3	0.014	0.420	1.57	0.028	0.001	18.01	8.01		0.047	674.00	301.00	56.00				84.00
4	0.019	0.460	1.37	0.028	0.002	18.07	8.05		0.050	640.00	293.00	50.00				84.00
5	0.023	0.390	1.63	0.030	0.003	18.30	8.00		0.070	628.00	306.00	56.00				85.00
6	0.019	0.390	1.40	0.030	0.001	18.28	8.04		0.050	670.00	307.00	54.00				88.00
7	0.019	0.390	1.40	0.030	0.001	18.28	8.04		0.073	637.00	319.00	54.00				88.00
8	0.019	0.390	1.40	0.030	0.001	18.28	8.04		0.073	639.00	312.00	55.00				87.00

NOTES:

1. The material described herein is certified for no radiation contamination by original Material Manufacturer.

2. The tolerance of chemical composition is according to ASTM A480

3. Visual Inspection (Surface) and Dimension Check: Acceptable

4. We hereby certify that material described herein has been manufactured and tested with satisfactory results in accordance with the requirement of the above material specification.

APPROVED CERTIFICATES:

1. QMS according ISO 9001 (TUV Cert No.01 100 128922)

2. EMS according ISO 14001 (LR Cert No.0992007)

3. PED (TUV Cert No.01 202 TUV00-06 0145)

4. Lab management system according ISO/IEC 17020 (TAF Cert No.10001)

5. Lab management system according ISO/IEC 17025 (TAF Cert No.2271)

Lai Yu Lin
QA Manager / Work Inspector.

Q-Y-Q-33-07-C